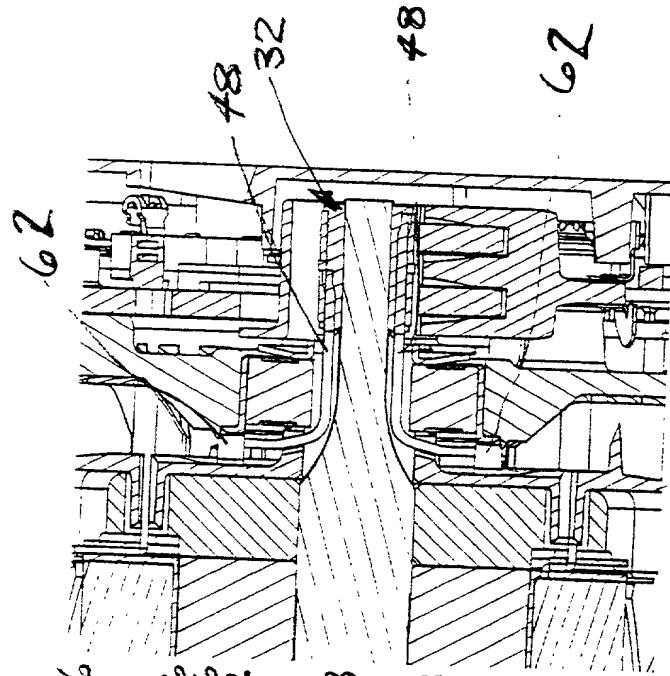


Simplified Cross-section
view of alternator

Figure 1



Cross-section view of
Rear components of alternator
(showing Slip Ring and coil wires)

Figure 16

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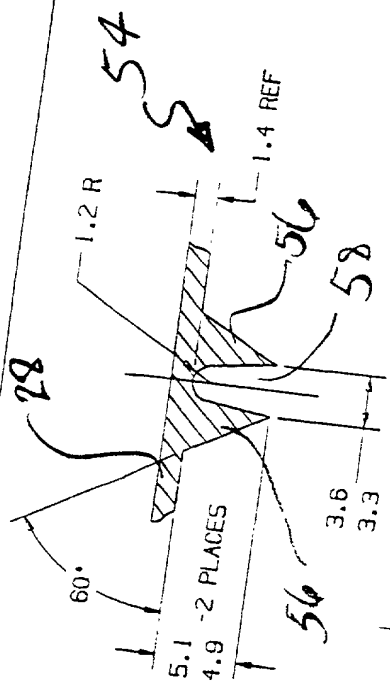
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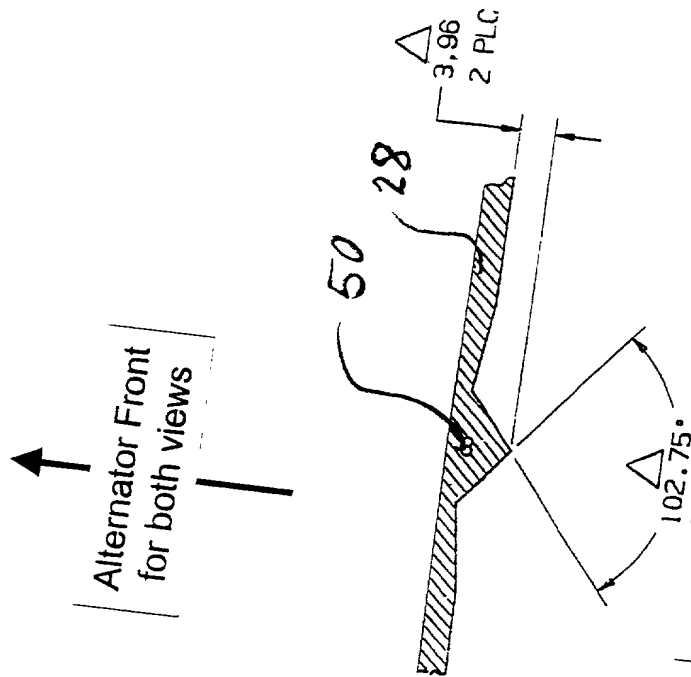
Figure 2

Ultrasonically Welded Wire Retention Area for New Rotor



SRE (Rear) Fan
Before U-S operation to hold
wires on new rotor

Figure 3



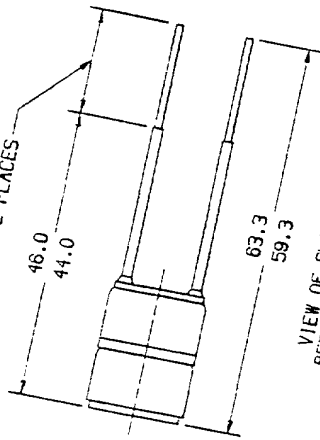
SRE (Rear) Fan
After U-S operation to hold
wires on new rotor

Figure 4

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304554 Alternator Slip Rings

STRIP LEAD FOR DISTANCE SHOWN - 2 PLACES



VIEW OF SLIP RING BEFORE FORMING LEADS

Figure 5

532

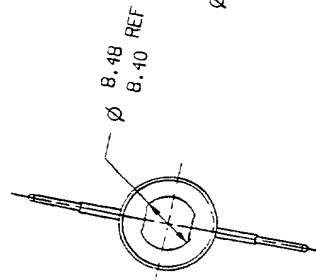


Figure 7

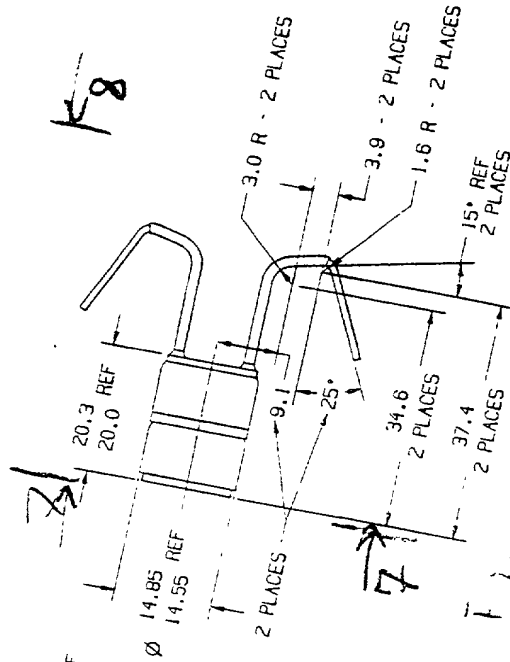


Figure 6

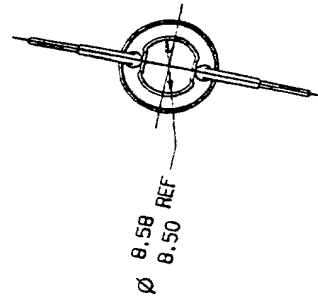


Figure 8

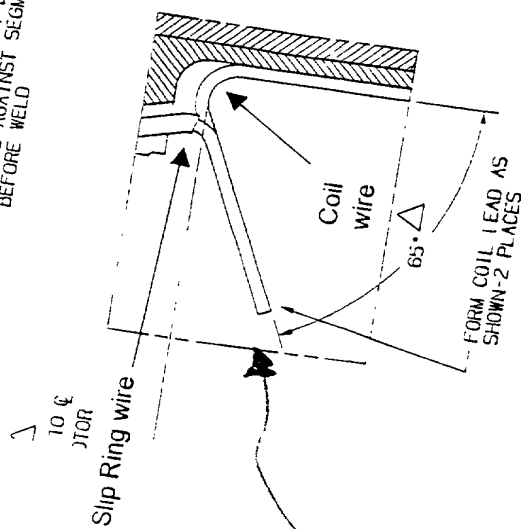
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Views showing connection of Slip Ring & Coil

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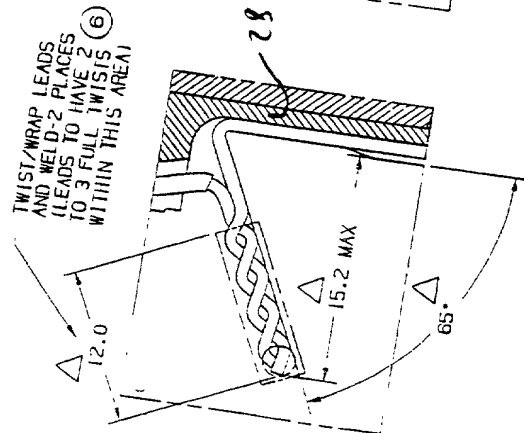
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10475754 FAN MUST BE SEATED AGAINST SEGMENT BEFORE WELD



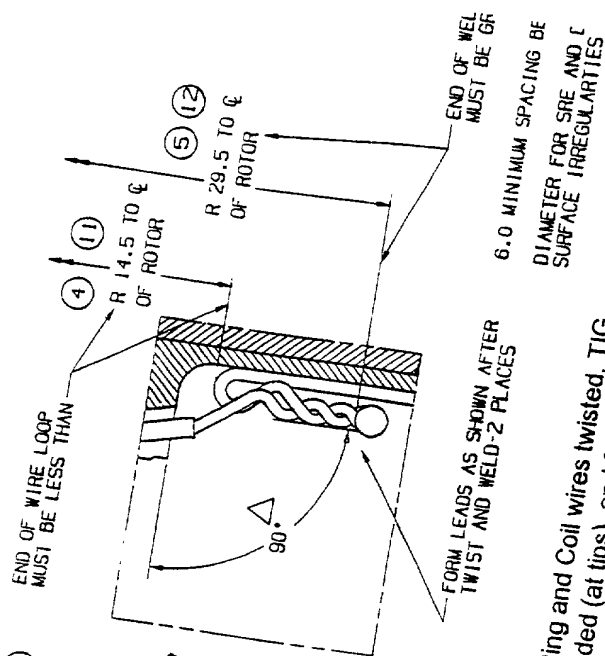
Slip Ring and Coil wires formed, and lined up for twisting

Figure 9



Slip Ring and Coil wires twisted together

Figure 10



Slip Ring and Coil wires twisted, TIG welded (at tips), and folded flat against fan, ready for cap placement

Figure 11

Alternator Rotor Repair Cap

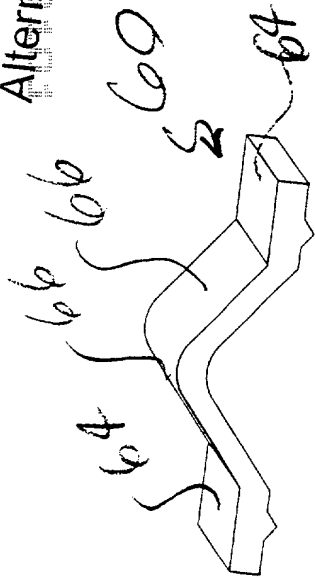


Figure 12

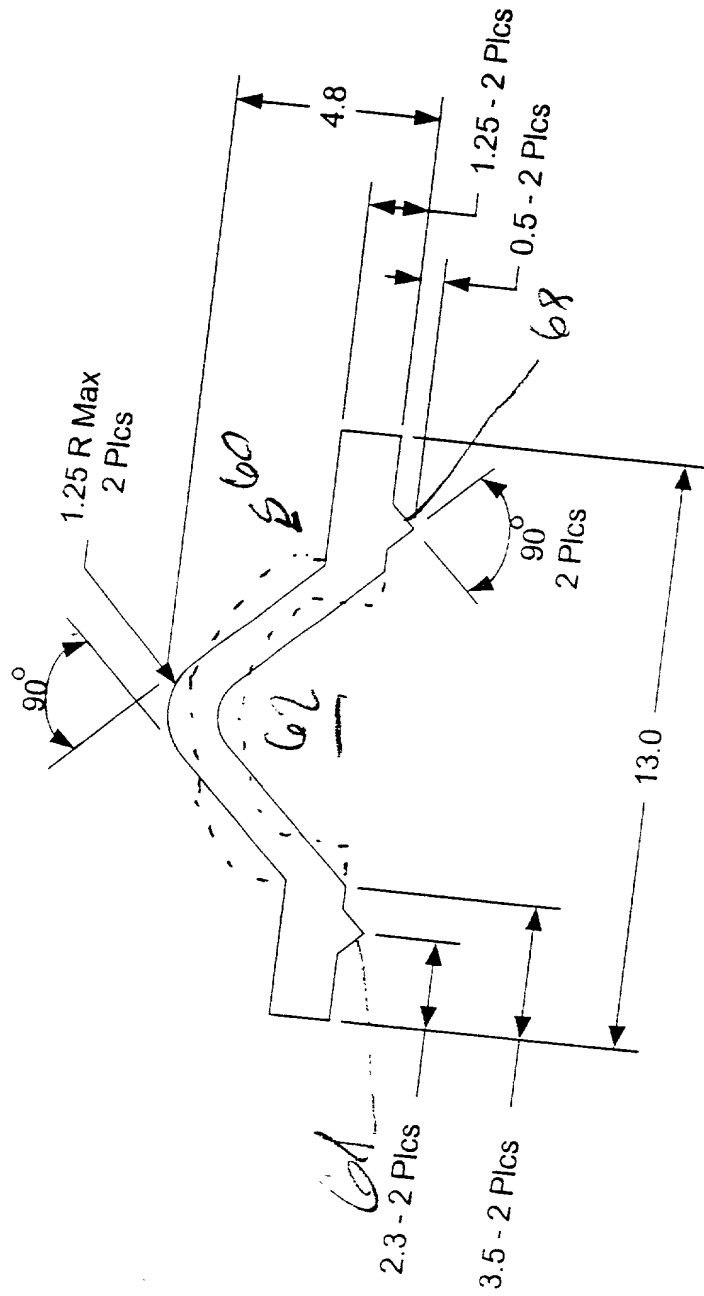


Figure 13

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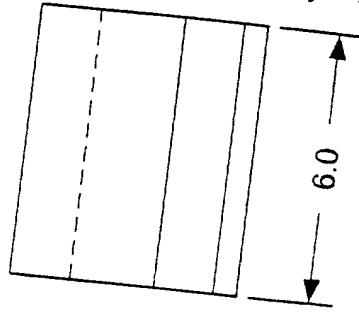
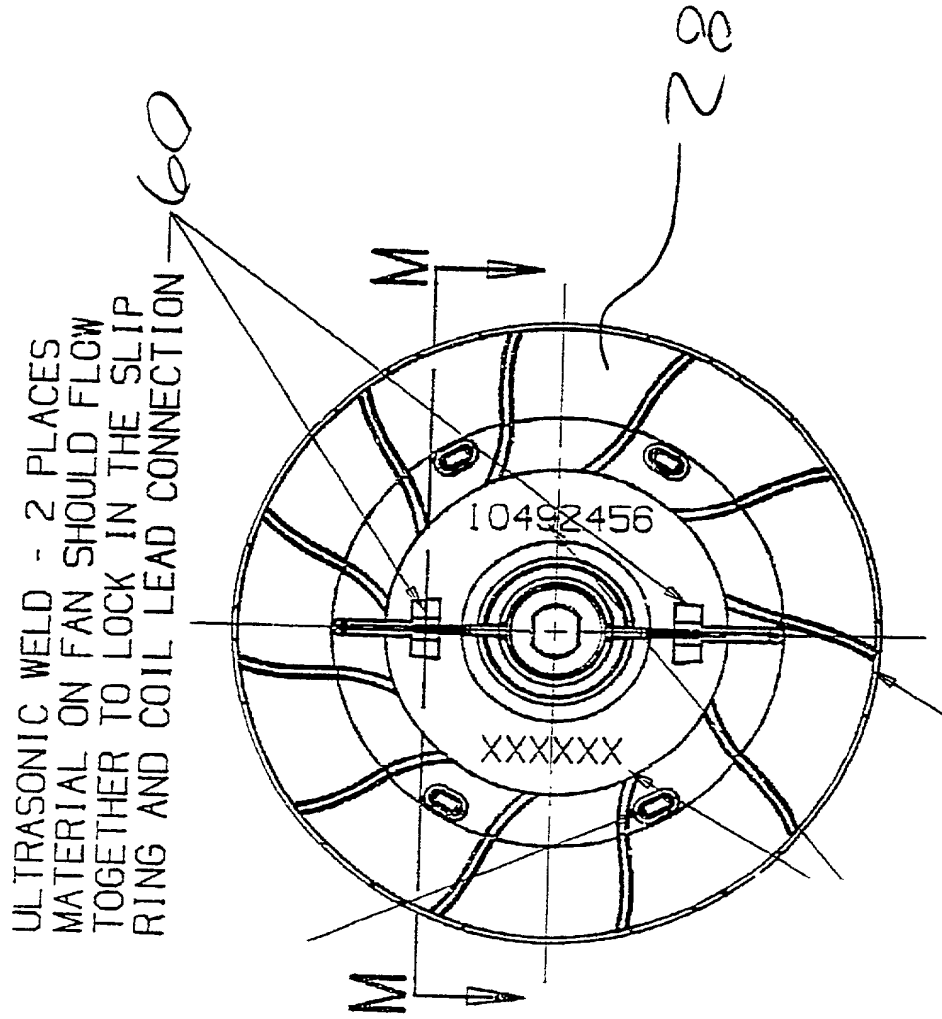


Figure 14

View of New Rotor 50
from rear



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Figure 15

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Figure 17

